

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER USS-MDS20-PCT3-USNP
INTERNATIONAL APPLICATION NO. PCT/2005/001372		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/586144</b>
INTERNATIONAL FILING DATE 14 January 2005		PRIORITY DATE CLAIMED 14 January 2004
TITLE OF INVENTION Instrument Support Apparatus with Internal Cabling		
APPLICANT(S) FOR DO/EO/US Donald H. Eason and Steven Grant Fisher		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> </ol>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

AP20 Rec'd PCT/PTO 14 JUL 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/586144</b>		INTERNATIONAL APPLICATION NO. PCT/2005/001372		ATTORNEY'S DOCKET NUMBER USS-MDS20-PCT3-USNP	
20. Other items or information: Firm Letter of Transmittal; Certificates of Express Mailing; Postcard					
The following fees have been submitted				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
21.	<input checked="" type="checkbox"/>	Basic national fee (37 CFR 1.492(a)).....	\$300	\$ 300.00	
22.	<input checked="" type="checkbox"/>	Examination fee (37 CFR 1.492(c))		\$ 200.00	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....				\$0	
All other situations.....				\$200	
23.	<input checked="" type="checkbox"/>	Search fee (37 CFR 1.492(b))		\$ 100.00	
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....				\$0	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....				\$100	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....				\$400	
All other situations.....				\$500	
<b>TOTAL OF 21, 22 and 23 =</b>				600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$ 0.00	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	24 - 20 =	4	x \$ 50	\$ 200.00	
Independent claims	2 - 3 =	0	x \$200	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 800.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
<b>SUBTOTAL =</b>				\$ 800.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$ 800.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$ 800.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

10/586144

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.


- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

The address associated with Customer  
Number 33546 <sup>4</sup>

(Santangelo Law Offices, P.C.)  
(125 South Howes, 3rd Floor)  
(Fort Collins, CO 80521)

 7-14-2006  
\_\_\_\_\_  
SIGNATURE  
Alfred K. Wiedmann Jr.  
\_\_\_\_\_  
NAME  
USPTO Reg. No. 48,033  
\_\_\_\_\_  
REGISTRATION NUMBER

10/586144

AP20 Rec'd PCT/PTO 14 JUL 2006  
Express Mail No: EV 673965585 US

-----  
IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE  
-----

Application Number:

Filed:

Applicants:

Title:

Donald H. Eason and Steven Grant Fisher

Instrument Support Apparatus with Internal Cabling

International Application Number: PCT/US2005/001372, Filed 14 January 2005

Original US Applications: 60/536,791, Filed 14 January 2004

Assignees:

Attorney Docket:

Customer No.

Ultimate Support Systems, Inc. and Roland Corporation

USS-MDS20-PCT3-USNP

33549

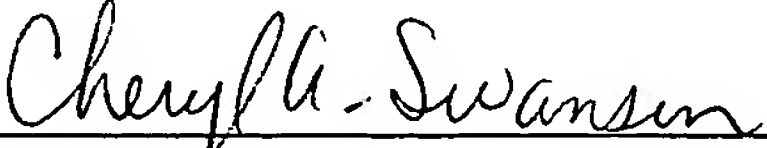
-----  
**CERTIFICATE OF EXPRESS MAILING**

I, Cheryl A. Swanson, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) concerning a filing under 35 U.S.C. 371 (FORM PTO-1390 (REV 07-2005)) with the United States Postal Service as "Express Mail" for mailing to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 14 day of July, 2006.

  
\_\_\_\_\_  
Cheryl A. Swanson

10/586144  
P20 Rec'd PCT/PTO 14 JUL 2006

Express Mail No: EV 673965585 US

-----  
IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE  
-----

Application Number:

Filed:

Applicants:

Title:

Donald H. Eason and Steven Grant Fisher

Instrument Support Apparatus with Internal Cabling

International Application Number: PCT/US2005/001372, Filed 14 January 2005

Original US Applications: 60/536,791, Filed 14 January 2004

Assignees:

Attorney Docket:

Customer No.

Ultimate Support Systems, Inc. and Roland Corporation

USS-MDS20-PCT3-USNP

33549

---

**LETTER OF TRANSMITTAL**

Mail Stop PCT

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450.

Sir:

Enclosed for filing is a United States National Stage application under 35 U.S.C. §371 entitled "Instrument Support Apparatus with Internal Cabling", including the following documents:

1. a Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) concerning a filing under 35 U.S.C. 371 (FORM PTO-1390 (REV 07-2005));
2. Application Data Sheet;
3. First Preliminary Amendment;
4. a true and correct copy of the Declaration for Patent Application as filed in the International application;

10/586144

AP20 Rec'd PCT/PTO 14 JUL 2006

5. an Information Disclosure Statement along with copies of Foreign and Other references cited;
6. this Letter of Transmittal along with a Credit Card Payment Form authorized in the amount of \$800.00 for National Phase filing fee; and
7. Express Mail Certificates for each document and a Postcard Receipt for return to the undersigned.

Please confirm receipt of the documents by applying your date stamp and serial number on the enclosed postcard and returning it to me.

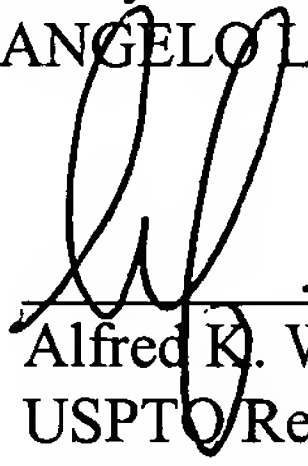
**Please address all future correspondence to the address associated with customer Number 33549 (Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, CO 80521).**

I have this 14<sup>th</sup> day of July, 2006, either myself personally or through my direction of staff at this office, deposited all of the items in the above letter of transmittal with the United States Postal Service as Express Mail, postage prepaid, in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 14<sup>th</sup> day of July, 2006.

Respectfully Submitted,  
SANTANGELO LAW OFFICES, P.C.

By:

  
\_\_\_\_\_  
Alfred K. Wiedmann Jr.  
USPTO Reg. No. 48,033  
125 South Howes, Third Floor  
Fort Collins, CO 80521  
(970) 224-3100

10/586144  
AP20 Rec'd PCT/PTO 14 JUL 2006

Express Mail No: EV 673965585 US

-----  
IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE  
-----

Application Number:

Filed:

Applicants:

Title:

Donald H. Eason and Steven Grant Fisher

Instrument Support Apparatus with Internal Cabling

International Application Number: PCT/US2005/001372, Filed 14 January 2005

Original US Applications: 60/536,791, Filed 14 January 2004

Assignees:

Attorney Docket:

Customer No.

Ultimate Support Systems, Inc. and Roland Corporation

USS-MDS20-PCT3-USNP

33549

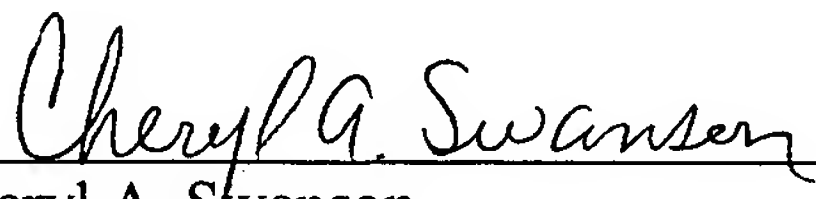
-----  
**CERTIFICATE OF EXPRESS MAILING**

I, Cheryl A. Swanson, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached Letter of Transmittal along with a Credit Card Payment Form authorized in the amount of \$800.00 for National Phase filing fee and a return postcard with the United States Postal Service as "Express Mail" for mailing to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 14 day of July, 2006.

  
Cheryl A. Swanson



Express Mail No: EV 673965585 US

-----  
IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE  
-----

Application Number:

Filed:

Applicants:

Title:

Donald H. Eason and Steven Grant Fisher

Instrument Support Apparatus with Internal Cabling

International Application Number: PCT/US2005/001372, Filed 14 January 2005

Original US Applications: 60/536,791, Filed 14 January 2004

Assignees:

Attorney Docket:

Customer No.

Ultimate Support Systems, Inc. and Roland Corporation

USS-MDS20-PCT3-USNP

33549

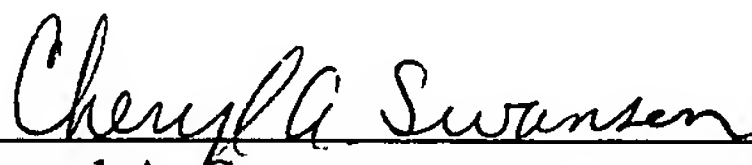
-----  
**CERTIFICATE OF EXPRESS MAILING**

I, Cheryl A. Swanson, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached Application Data Sheet with the United States Postal Service as "Express Mail" for mailing to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 14 day of July, 2006.

  
Cheryl A. Swanson



10/586144

AP20 Rec'd PCT/PTO 14 JUL 2006

Express Mail No: EV 673965585 US

-----  
IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE  
-----

Application Number:

Filed:

Applicants:

Title:

Donald H. Eason and Steven Grant Fisher

Instrument Support Apparatus with Internal Cabling

International Application Number: PCT/US2005/001372, Filed 14 January 2005

Original US Applications: 60/536,791, Filed 14 January 2004

Assignees:

Attorney Docket:

Customer No.

Ultimate Support Systems, Inc. and Roland Corporation

USS-MDS20-PCT3-USNP

33549

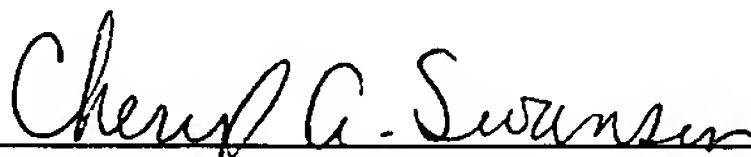
-----  
**CERTIFICATE OF EXPRESS MAILING**

I, Cheryl A. Swanson, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached an Information Disclosure Statement along with copies of Foreign and Other references cited with the United States Postal Service as "Express Mail" for mailing to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 14 day of July, 2006.

  
Cheryl A. Swanson

10/586144

AP20 Rec'd PCT/PTO 14 JUL 2006

Express Mail No: EV 673965585 US

-----  
IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE  
-----

Application Number:

Filed:

Applicants:

Title:

Donald H. Eason and Steven Grant Fisher

Instrument Support Apparatus with Internal Cabling

International Application Number: PCT/US2005/001372, Filed 14 January 2005

Original US Applications: 60/536,791, Filed 14 January 2004

Assignees:

Attorney Docket:

Customer No.

Ultimate Support Systems, Inc. and Roland Corporation

USS-MDS20-PCT3-USNP

33549

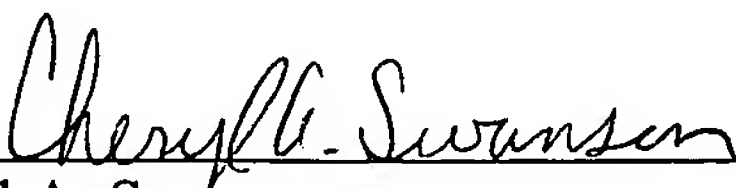
-----  
**CERTIFICATE OF EXPRESS MAILING**

I, Cheryl A. Swanson, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached First Preliminary Amendment with the United States Postal Service as "Express Mail" for mailing to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 14 day of July, 2006.

  
\_\_\_\_\_  
Cheryl A. Swanson

Express Mail No: EV 673965585 US

-----  
IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE  
-----

Application Number:

Filed:

Applicants:

Donald H. Eason and Steven Grant Fisher

Title:

Instrument Support Apparatus with Internal Cabling

International Application Number: PCT/US2005/001372, Filed 14 January 2005

Original US Applications: 60/536,791, Filed 14 January 2004

Assignees:

Ultimate Support Systems, Inc. and Roland Corporation

Attorney Docket:

USS-MDS20-PCT3-USNP

Customer No.

33549  
-----

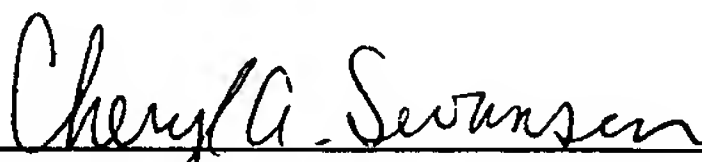
**CERTIFICATE OF EXPRESS MAILING**

I, Cheryl A. Swanson, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached true and correct copy of the Declaration for Patent Application as filed in the International Application with the United States Postal Service as "Express Mail" for mailing to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 14 day of July, 2006.

  
\_\_\_\_\_  
Cheryl A. Swanson